

SUBMIT

**North Carolina Superfund Section
SITE HEALTH AND SAFETY PLAN**

A. General Information

Site Name Ulah Battery/Battery Piles

ID # NCD981864614

Location

State Road 1219/Dinah Road and Highway 22) Asheboro/ Ulah area. Residential neighborhood next to open field (furniture Ccompany business lot) where battery chips were left as a result of past battery breaking operations.

Proposed Date of Investigation:

Date of Briefing: 4-17-2015

Date of Debriefing: 5-17-2015

Nature of Visit (check one):

On-Site Reconnaissance ☐

Off-Site Reconnaissance ☐

Sampling ☒

Sampling Overview

Sampling by use of XRF on shallow (0-6 inch) soil samples.

Remediation Overview

Contractor, S&ME, under contract with NC DENR, Division of Waste Management Inactive Hazardous Sites Branch of Superfund plans to remove up to a maximum of 17 -50ft x 50ft soil grids from 0 to 6 inches in depth. Division of Waste Management staff to XRF soil samples as first phase of work to reduce soil that has to be removed. Removal to take place in may by S&ME subcontractor. Lead contaminateed soil to be treated with Environblend to prevent leaching.

Health Department Official Contacted: Randolph

Date of Contact:

Site Investigation Team: All site personnel have read the Site Health and Safety Plan and are familiar with its provisions.

Personnel	Responsibilities	Signature
Team 1		
Team 2	Keith Snavelly, Melanie Bartlett- sampling/recon	

Plan Preparation: Keith Snavelly

Prepared By: Keith Snavelly

Reviewed By: Brian Polk

B. SITE/WASTE CHARACTERISTICS

Waste Type(s)

Liquid ☐

Gas ☐

Solid ☒

Vapor ☐

Sludge ☐

Comments:

Lead contaminated soil from battery reclamation project

Characteristics:

Corrosive ☐

Volatiles ☐

Ignitable ☐

Toxic ☒

Radioactive ☐

Reactive ☐

Others Explain:

Comments:

List Known or Suspected Hazards (physical, chemical biological or radioactive) on Site and their toxicological effects. Also, if known, list chemical amounts

HAZARD	WARNING PROPERTIES	EXPOSURE LIMIT
Lead	Odor Threshold OT	0.05 mg/m3

UNDERGROUND UTILITIES CHECKLIST Required YES ☐ NO ☐

Utility	Locator/Contact Person	Phone #	Date of Location
Power	NA		
Telephone	NA		
Gas	NA		
Water	NA		
Sewer	NA		

Call made by: Call not necessary at Phase I of XRF work by DWM staff

Facility Description: Size: unknown Buildings: unknown

Disposal Methods Being Investigated:
Surface disposal

Unusual Features on Site (dike integrity, power lines, terrain, etc.):
none known

History of the Site:

Residents collected formerly used car batteries and broke them open to reclaim the lead plates. Lead Plates were taken to lead smelter for profit. Remaining battery casings and battery acids disposed of on residential and business lots. First major removal action occurred in early 1990s, by US EPA and NS DENR, followed by additional site investigations in 2009 and removal actions by EPA in 2012. Additional removal action of lead battery chips and lead contaminates soil to occur in May 2015 for parcel at Dinah Road and Business 220 in Ulah.

C. HAZARD EVALUATION

Area can be toured in level D protection by DENR staff for XRF work prior to any work conducted by Contractor. Sampling will be just for XRF data at this time. Chemically resistant, steel toed work boots will be worn while touring and collecting soil samples for XRF screening/evaluating.

D. WORK PLAN INSTRUCTION

Map or Sketch Attached? ☒

Perimeter Identified? ☐

Command Post Identified? ☐

Zones of Contamination Identified? ☐

Personal Protective Equipment/Level of Protection:

Modifications

Surveillance Equipment:

<input type="checkbox"/> HNU	<input type="checkbox"/> Detector Tubes and Pumps
<input type="checkbox"/> OVA	<input type="checkbox"/> O2 Meter
<input type="checkbox"/> Explosimeter	<input type="checkbox"/> Radiation Monitor

Decontamination Procedures

Level C Respirator wash, respirator removal, suit wash (if needed), suit removal, boot wash, boot removal and glove removal.

Level D Boot wash and rinse and boot removal, suit removal, glove and goggle removal. Goggles will be worn while decontaminating field equipment. Modifications Dispose of trash properly, on-site if possible.

Work Schedule/Visit Objectives:

The purpose of this visit is to determine the extent of previously sampled lead contaminated soil 50 ft X 50 ft grids of soil/grass by US EPA. Composite samples will be collected to use for screening with XRF. The site visit is to determine if the proposed amount of soil for cleanup can be reduced in sized by collecting composite soil samples.

EMERGENCY PRECAUTIONS

Route of Exposure First Aid

Eyes- irrigate immediately

Skin- soap and water wash

Inhalation- fresh air and artificial respiration

Ingestion- get medical attention immediately

STATE POISON CONTROL CENTER: 1-800-848-6946

Location of Nearest Phone: unknown

Hospital (Address and Phone Number)

Fire:

Ambulance: 911

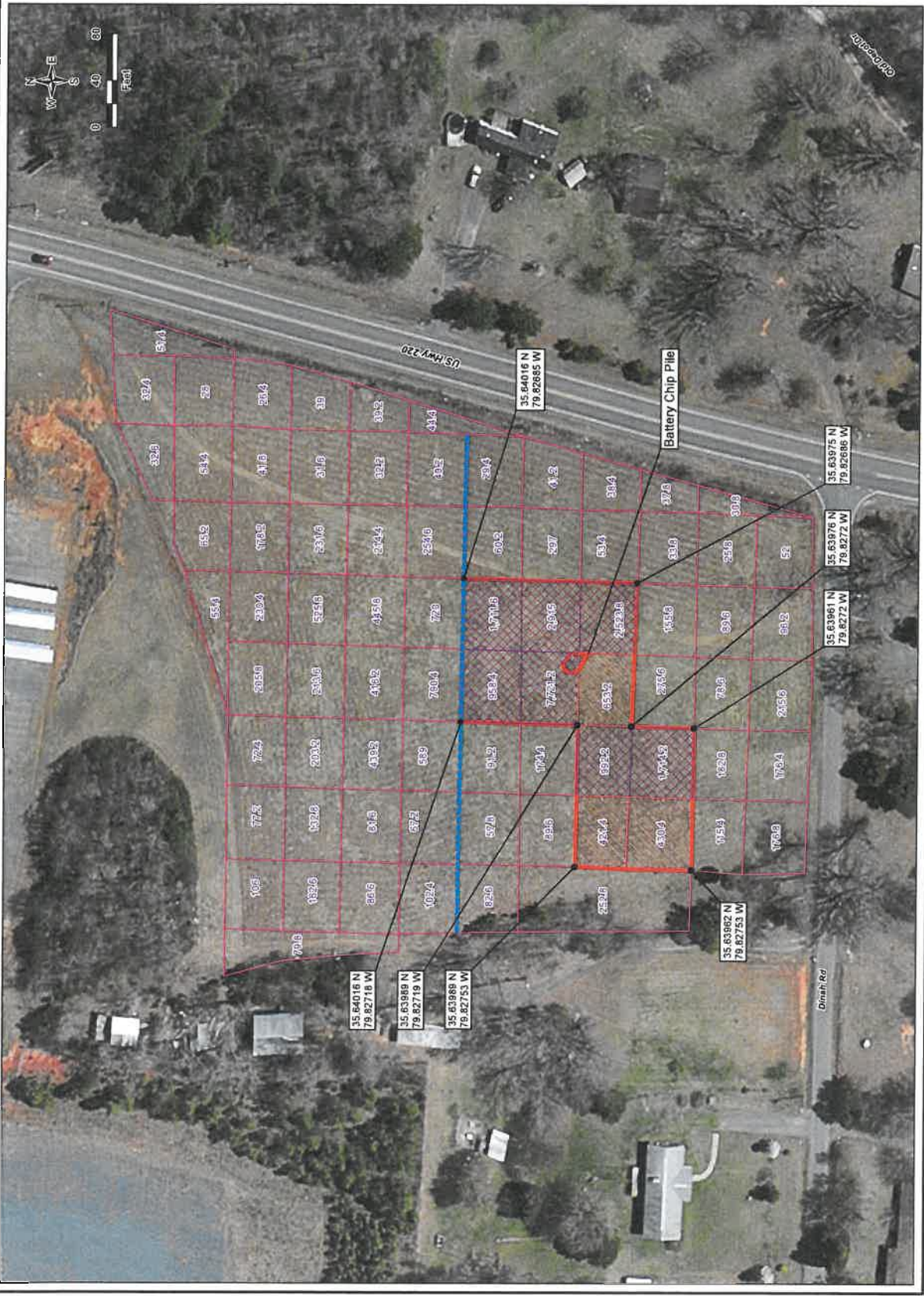
Emergency Route to Hospital:

EQUIPMENT CHECKLIST

Air purifying respirator
First Aid Kit
Cartridges for respirator
3 gallon Deionized H₂O
Eye Wash Unit
Rain suit
HNU
Gloves (PE/PVC/nitrile/cloth)
OVA

Boots/Boot Covers
Explosimeter
Coveralls (tyvek/saranex)
Radiation Monitor
Safety Glasses
Safety Goggles
Decontamination Equipment
Hard Hat

Please submit the Air Monitoring and Injury Report Form.





Trip to:

364 White Oak St

Asheboro, NC 27203-5434

5.25 miles / 9 minutes

Notes

Is Ken Fisher nuts?

Some Wall Streeters might think he is, because Ken, famous *Forbes* columnist and head of Fisher Investments, is giving away his new Report to investors with \$500,000 or more portfolios. Is that you? You should have this timely Report, with a stock forecast you won't find anywhere else. You'll see quickly: Ken Fisher not only isn't nuts. He's the one with the brains.

GOT THAT? GET THIS. [CLICK HERE.](#)

FISHER INVESTMENTS'



116 Dinah Rd, Asheboro, NC 27205-1020

Download
Free App



1. Start out going **east** on **Dinah Rd** toward **US Highway 220 Business S**. [Map](#)

0.05 Mi

0.05 Mi Total



2. Turn **left** onto **US Highway 220 Business S**. [Map](#)

2.2 Mi

Randolph Memorial Park is on the corner

2.2 Mi Total



3. **US Highway 220 Business S** becomes **S Fayetteville St / US-220 Bus N**. [Map](#)

2.9 Mi

5.1 Mi Total



4. Turn **left** onto **Macarthur St**. [Map](#)

0.1 Mi

Macarthur St is just past W Ward St

If you reach Burns St you've gone a little too far

5.2 Mi Total



5. Turn **right** onto **White Oak St**. [Map](#)

0.03 Mi

5.2 Mi Total



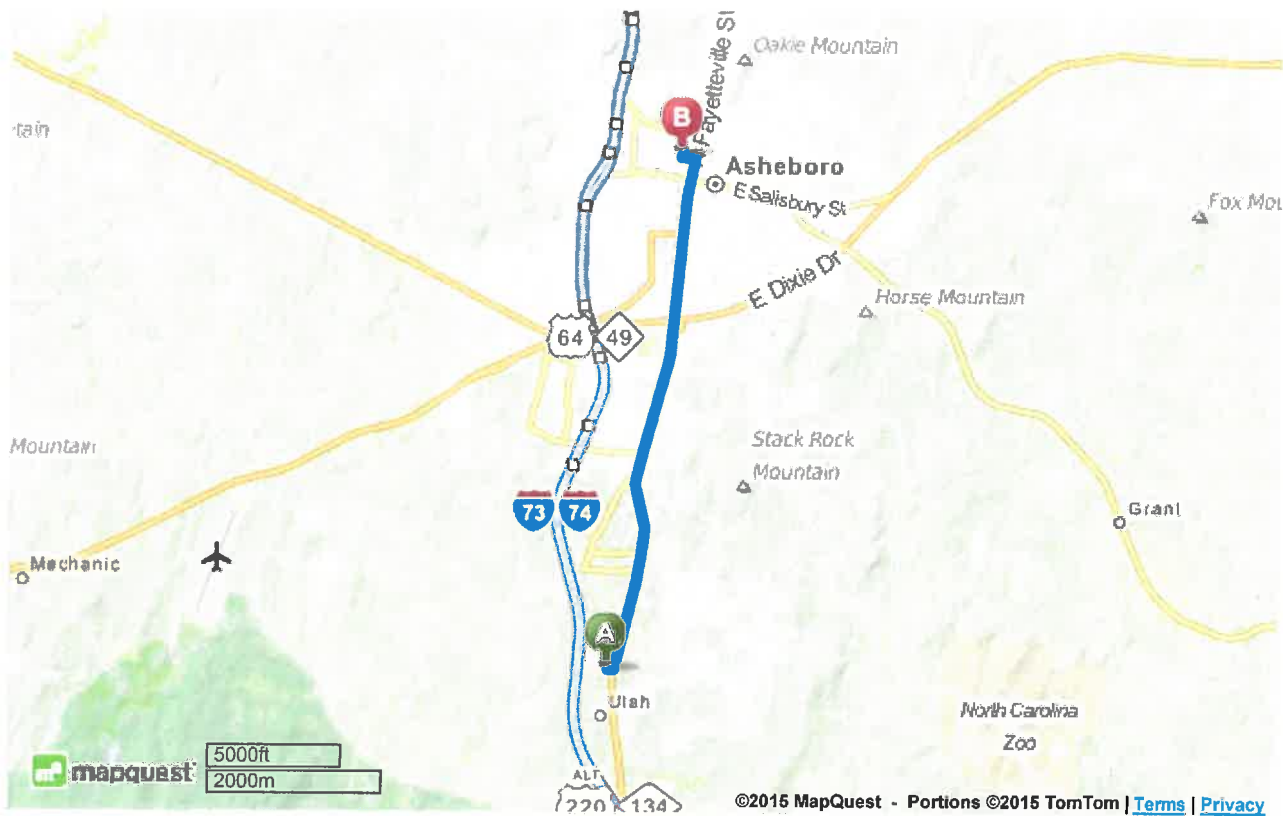
6. **364 WHITE OAK ST** is on the **right**. [Map](#)

If you reach Foust St you've gone a little too far



364 White Oak St, Asheboro, NC 27203-5434

Total Travel Estimate: **5.25 miles - about 9 minutes**



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EMPLOYER: Please complete the top section and give to the injured employee to take with them to their authorized treating physician. If you already have transitional duty job descriptions available, please attach a copy for the treating physician's review.

Name of Employee: Last:	First:
Date of Injury:	
Name of Employer:	
Employer Signature:	Treating Physician:

EMPLOYEE: Please take this form with you to an authorized treating physician. Please have the physician complete the middle section and return this immediately to your employer. The bottom section is for you to show the pharmacist should you need to have any prescriptions filled as prescribed by your authorized treating physician for this work related injury.

AUTHORIZED PHYSICIAN, PLEASE COMPLETE

Diagnosis: _____

A post accident drug test (check one) ☐ has been completed ☐ has not been completed

In accordance with this patient's physical capability, check all that apply:

- ☐ May resume work immediately, no restriction.
☐ May resume work immediately with the following restrictions:
☐ Sedentary work (sitting, occasional walking, standing, lifting less than 10 pounds)
☐ Light work (lifting less than 20 pounds)
☐ Medium work (lifting less than 50 pounds)
☐ Heavy work (lifting less than 100 pounds)
☐ Normal shift
☐ Limited hours: ____ hrs, ____ hrs, ____ hrs per day
☐ Other: _____

☐ Repetitive Motion Restrictions (specific to hand/arm injuries):

Frequency	Left	Right
No Use		
Occasional <33% of time		
Frequent 34-66% of time		
Regular 67-100% of time		

- ☐ Patient may return to work at full duty on (date) _____
☐ Patient has a return appointment on (date) _____ at (time) _____

Please indicate any referrals that are required: _____

Physician's Signature _____

Date _____

Physician's Name (type or print) _____

Physician Offices – Be sure to contact CorVel's Claim Department at 800-365-5998 for authorization for the referral.

PHARMACIST: Please use the Injured Worker's SSN and Date of Injury (SSN+MMDDYYYY) as their 17 digit Identification Number when entering information to process an online claim to CorVel on behalf of Department of Environmental and Natural Resources injured employees. Pharmacies can contact the CorVel Customer Service at 800-563-8438 or CVS/Caremark Pharmacy Help Desk at 877-876-7216, for assistance with claims processing.

DO NOT CHARGE THE PATIENT FOR THE PRESCRIPTION.

CHAIN NAME	CHAIN NAME	CHAIN NAME	CHAIN NAME
Bi-Lo Pharmacy	Horizon Pharmacy	Revco drugs	VIX Pharmacy
Bi-Mart	HyVee Drugtown	Rite-Aid drugs	Walgreen's
Brooks Drugs	J & J Pharmacy	RX Discount Pharmacy	Wal-Mart Pharmacy
Brookshire Brothers	Joel & Jerry's	Sack-n-Save	Wegman Pharmacy
Cub Pharmacy	Kash N Karry	Sav-A-Lot	Winn-Dixie
CVS Drugs	Kerr Drugs	Sams Club Pharmacy	
Drug Emporium	K-mart phcy	Save Mart	
Eckerd's (all others)	Long's Phcy	Stop N Shop	
Franck's Pharmacy	Medicine Shoppe	Super D	
Fred Meyer	Medistat Phcy	Super Valu	
Fred's Pharmacy	Milner-Rushing Drugs	Super X (HSI)	
Giant Pharmacy	Pathmark Pharmacy	Tom Thumb Phcy	
Goodings	Perry Drg Str	Tops Pharmacy	
Hannaford Food &	Phar-Mor	Tri Daly Drugs	

Group Number: RXFFWC311
 CCRx BIN: 004336
 PCN: ADV Rev. 6/10
 Dept. of Environ. & Natural Res.

CORVEL

* All participating pharmacies have not been included on this list. Please have your pharmacy call regarding any questions/authorizations 800-563-8438.

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Brookshire Brothers	Joel & Jerry's	Sack-n-Save	Wegman Pharmacy
Cub Pharmacy	Kash N Carry	Sav-A-Lot	Winn-Dixie
CVS Drugs	Kerr Drugs	Sams Club Pharmacy	
Drug Emporium	K-mart phcy	Save Mart	
Eckerd's (all others)	Long's Phcy	Stop N Shop	
Franck's Pharmacy	Medicine Shoppe	Super D	
Fred Meyer	Medistat Phcy	Super Valu	
Fred's Pharmacy	Milner-Rushing Drugs	Super X (HSI)	
Giant Pharmacy	Pathmark Pharmacy	Tom Thumb Phcy	
Goodings	Perry Drg Str	Tops Pharmacy	
Hannaford Food &	Phar-Mor	Tri Daily Drugs	

Group Number: RXFFWC311
 CCRx BIN: 004336
 PCN: ADV Rev. 6/10
 Dept. of Environ. & Natural Res.

CORVEL

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Snavely, Keith

From: Polk, Brian
Sent: Friday, April 10, 2015 10:14 AM
To: Snavely, Keith
Subject: RE: Ulah Battery Health and Safety Plan with all maps and Corvel form
Attachments: SF Site Safety Plan Keith Snavely 4-10-2015.pdf

Keith,

Please add the following PPE for work around earth moving equipment and site: safety glasses (100%), hard hat, safety vest, and Tyvex suit (can be tied at waist).

Thanks
Brian

Brian N. Polk
Health and Safety Consultant II
NC Division of Waste Management
919-338-2915 office
919-338-2936 fax
919-270-3003 cell

Email correspondence to and from this address may be subject to the North Carolina Public Records Law any may be disclosed to third parties.

From: Snavely, Keith
Sent: Friday, April 10, 2015 8:53 AM
To: Polk, Brian
Cc: Bartlett, Melanie
Subject: Ulah Battery Health and Safety Plan with all maps and Corvel form

Brian,

See attached plan with all the necessary maps that the first one I sent you did not have. Trip is scheduled for Tuesday April 21, 2015.

Thanks
Keith

Keith Snavely, Hydrogeologist
Inactive Hazardous Sites Branch
NC Division of Waste Management

Office #: (919) 707-8355
Fax #: (919) 707-8355

email: Keith.Snively@ncdenr.gov

Address: Green Square Complex
DENR Office Building
217 West Jones Street
Office 3212-E
Raleigh, NC 27603

1646 Mail Service Center
Raleigh, NC 27699

INTERACTIVE MAPS WITH DWM SITES AND PERMITTED FACILITIES:

<http://portal.ncdenr.org/web/wm/gis/maps>

ONLINE ACCESS TO SUPERFUND SECTION DOCUMENTS:

<http://portal.ncdenr.org/web/wm/sf-file-records>

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